Plant Collection
Field Notes

Budget

Composition Book

220 PAGES

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W B-14142

841 Echidiocarya californica

2/9/35 S.A. Mts, n. El Toro, elev. abt 450', small mesa, sandy loam, rather poor, a few low shrubs but no trees. In early bloom, occurs in patches.

a.s. Silene gallica, Lupinus bicolor microphyllus, Linanthus dianthiflorus, young Erodium circutarium, Bromus hordeaceus, Avena fatua, Calandrinia caulescens menziesii, Orthocarpus purpurascens, Lotus subpinnatus, Lotus salsuginosus (young) scattered Isocoma veneta (vernonioides), Festuca megalura.

842 Spergularia salina

2/17/35 Probably Myers, at Costa Mesa. elev. abt 25', sandy soil

a.s. not recorded.

843 Salix sessifolia
Leucodendroides
2/17/35 n Costa Mesa, elev. ab't 25', sandy river silt, ditch bank below bluff west of Costa Mesa near Victoria Ave. a. s. Ricinus communis, Cynodon dactylon, Atriplex semibaccata, Rumex crispus, unknown Compositae (Gnaphalium?), Scirpus microcarpus, Brassica campestris, Convolvulus (sp) (immature), Picris echioides, Ambrosia psilostachya.

844 Trifolium tridentatum
3/10/35 San Onofre, elev. ab't 100', coarse, sandy loam, south slope, full sun.
a. s. Avena fatua, Erodium moschatum & circutarium, Medicago hispida, Lupinus truncatus, Bromus rubens, Artemisia californica, Chaenactus glabriuscula.

845 Streptanthus heterophyllus

3/10/35 San Onofre, elev. abt 600', coarse sandy loam, near hill tops, east slope. a.s. Lupinus sparsiflorus, L. hirsutissimus, Cryptantha flaccida, Plantago erecta, Corethrogyne douglasii, Salvia columbariae, Linanthus dianthiflorus, Croton californicus, Lotus scoparius, Salvia apiana, Opuntia occidentalis, Senecio californicus, Bromus rubens, Avena fatua, Echinocystis macrocarpus.

846 Lathyrus splendens

3/10/35 San Onofre, elev. abt 500', coarse sandy loam, west slope near hill top. Branches abt 1m long, climbing over Opuntia and other nearby shrubs.

a.s. — Salvia apiana, Opuntia occidentalis, Avena fatua, Lotus scoparius, Mirabilis laevis, Centaurea melitensis, Chenopodium californicum.

847 Senecio californicus

3/10/35 San Onofre, elev. abt 200', coarse sandy loam, south & east slope

a. s. Salvia columbariae, Lotus scoparius, Eriophallum (sp), Coreopsis douglasii, Cryptantha intermedia, Cryptantha flaccida, Bromus rubens, Chaenactus glabriuscula, Avena fatua, Croton californicus, Oenothera bistorta (immature), Eriodictyon circutarium, Linaria canadensis, Centaurea melitensis, Mirabilis laevis, Gilia multicaulis, Streptanthus heterophyllus (single plant, purple)

848 Coreopsis douglasii

3/10/35 San Onofre, coarse sandy loam, in short draw opening south.

a. s. same as 847.

849 Andropogon saccharoides

3/10/35 San Onofre, elev. ab't 500', coarse sandy loam, hill top. Around 1m. tall, bunch grass. a.s.- Opuntia occidentalis, Artemisia californica, Lotus scoparius, Mirabilis laevis, Cryptantha intermedia, C. flaccida, Brodiaea capitata, Galium angustifolium, Muhlenbergia microsperma, Convolvulus occidentalis.

850 Cupressus forbesii

4/6/38 S. A. Mts, n Black Star can., elev. poss. 3000'. Collected by A. M. Blanding. Details not recorded.

851 Ceanothus crassifolius Torr.

4/19/35 S.A. Mts. No record of place of collection or a.s. made.

852 Cercocarpus ledifolius Nutt.

5/19/35 S.B. Mts. No record made of place of collection or a.s.

853 Quercus wislizenii
A. DC.

6/24/38 n. C.L. Hanson ranch. elev. 1600'
gravelly soil, farm yard. Tree about
25' tall. no a. s.

854 Quercus lobata Née.

6/24/38 n. C.L. Hanson ranch. elev. 1600'
gravelly soil, farm pasture, tree
about 40' tall, spreading. South
slope, a. s. various pasture grasses,
no shrubs.

855 Quercus douglasii
H. & A.

6/24/38 n. Clear Lake, Hanson ranch. elev. about 1650 ft, south slope, stony hill. a. s. Quercus dumosa, Quercus wislizenii, Quercus lobata, Arctostaphylos manzanita.

856 Arctostaphylos manzanita Parry

6/24/38 n. Clear Lake, Hanson ranch. elev. about 1650', same location as 855.

857 Elymus glaucus
Buckl

6/24/38 n. Clear Lake Oaks wild hay field, gravelly soil, (along side dry ditch) A. A. various wild grasses, including Agropyron cinereum, Bromus hordeaceus, Bromus rubens, unknown foxtail grass, others not recorded; also Centaurea melitensis, Quercus lobata, various weeds, which, however, were not especially abundant

858 Agropyron
cinerum Vasey.

6/24/38 Same location as 857

859 Brodiaea

6/27/38 n. Clear Lake, Hanson ranch, elev. ab't 1700'. cañon bottom open SW dry stony. a. s. dry grasses, unknown Eriogonum, Centaurea melitensis, a little Lotus scoparius.

860 Phacelia

6/27/38 same place as 859 except a few feet farther up hill. a. s. Quercus lobata, dry Gaucus pulsillus, Lotus scoparius, Arctostaphylos manzanita, Pinus sabiniana down hill a short distance; also some Eriogonum sp. scattered about (immat.)

861 / Cirsium occidentale coulteri Jepson
6/27/38 n. Clear Lake, Hanson ranch elev. about 1700' stony hill slope, west.
a. s. Artostaphylos manzanita, Quercus dumosa, Lotus scoparius, Gnaphalium decurrens californicum

862 Hemizonia sp.
6/28/38 n. Clear Lake Hanson ranch, elev. about 1650', stony slope, waste ground near barns.
princ a. s. Navarretia atractyloides, unknown Hemizoniacae, Anthemis cotula, Centaurea melitensis Chenopodium album, Marrubrium vulgare.

863 Pinus sabiniana
6/27/38 n. Clear Lake Hanson ranch elev.
about 1700'. west slope, stony
a s. prine. Arctostaphylos manzanita,
Quercus lobata, Quercus wislizenii,
Quercus douglasii, Lotus scoparius.

864 Cercis occidentalis Torr.
6/28/38 n. Clear Lake, Hanson ranch. elev.
about 2000', NE slope close to hilltop
shrub, bushy ab't 6' tall few
pods set. soil rocky

865 Monardella villosa Benth.

6/28/38 n. Clear Lake, Hanson ranch, elev abt 1800', beside volcanic boulder, rocky soil. fls. lavender. Plts about 1' tall, straggly, perennial a.s. white comp 866, Eriodictyon (canta) dry grasses, Galium angustifolium?

866 Compositae, white

6/28/38 n. Clear Lake, Hanson Ranch elev abt 1800 - with 865

6/28/38 867 n. Clear Lake, Ranson ranch, elev. ab't 2000' top of hill, abundant, 10"-12" tall, branched from near base, much dry brush among the few good stems, fls yellow, princ a. s.- Adenostoma fasciculatum, Lycium (sp), Quercus Dumosa.

868

6/28/38 n. Clear Lake, Ranson ranch, elev. ab't 1600' farm yard, spec. in shelter of tractor. princ a. s. same as 862.

869 Cephalanthus occidentalis L.

6/28/38 Clear Lake, elev. 1560 (lake shore). Along shore close to water, shrubs about 7' tall, foliage bright green, fls white

a s none except now & then a willow, unknown species.

870 Verbascum thapsus L.

6/28/38 Clear Lake, elev. 1560 (lake shore) Lake shore above road north of Clear Lake Oaks stony slope. a. s. princ dried grasses, some Rhus diversiloba, Quercus douglasii plants green but very woolly, aft 4' tall, fls bright yellow

871 Buckeye

6/28/38 n. Clear Lake, north slope among other tall shrubs & trees. Princ a. s. Rhus trilobata, Quercus dumosa, Q. douglasii, Pinus sabiniana, Ceanothus (879), Rhamnus (872, 880). fls white, shrubs beginning to turn yellow, leaves bright green at first. elev abt 1650'

872 Osmorhiza (?)

6/28/38 n. Clear Lake, bottom of draw among larger plants in patches abt 2' tall. part shade elev abt 1650. Corollas all dry. Princ. a. s. same as 871 + Chorogalum sp., 878, 879, 880, Rhamnus (881), Rhus trilobata, Rhus diversiloba.

873 Sitanion?

6/28/38 n. Clear Lake, along county road near the Y. Prine a.s. other grasses, dry., species not recorded. This one not dry yet except fruiting heads which separated easily. elev. abt 1650

874 ~~Trichostema~~

6/28/38. n. Clear Lake, along county road near the Y. stony soil as with practically every thing. Keyaboats. Prine. a.s. dry grasses, Rhus trilobata, Rhamnus californica, Quercus douglasii, other species not recorded. ~~Eriogonum~~ (877)

Corollas blue, herbage rather strong smelling, resembling Trichostema lanceolatum.

875 Chorogalum

6/28/38 n. Clear Lake, near county road above the ℄. Bottom of draw. Leaves hidden mostly in dry grass & other taller foliage. Lvs drying, undulate from bulb & radiating therefrom. Inflorescence about 4' tall. Perianth white, green vein. Princ. s. same as 871, 872. elev. about 1650'.

876 Scrophularia?

6/28/38 n. Clear Lake, along county road near the ℄. Patches along roadside. Lvs green, corollas tan buff with reddish cast outside, inside of lower lip buffish with red vein. Plants 3'-4½' tall. elev. about 1650'. Princ. s. Dry grasses, Rhamnus 881, Rhus trilobata, Rhus diversiloba, Quercus dumosa, Q. douglasii, Eriogonum 877.

Doug.
nudum

877 Eriogonum

6/28/38 n. Clear Lake, along county road near the ly. See 874 for details.

878 apple tribe?

6/28/38 n. Clear Lake, bottom of draw opening north, elev. about 1650' Tall shrub about 15', many stems from bases, foliage slightly glaucus green. Assoc. a.s. Rhus trilobata, Psoralea ?, Quercus douglasii 880, Buckeye, Quercus dumosa etc.

Clear Lake = Clear Lake Oaks

879 Ceanothus

6/28/38 n. Clear Lake Oaks, north slope near the Y. in luxuriant stand of tall shrubs., close to 871 q.v. for a. s. etc. Thigs shrub, whitened stiff stems, lvs dark green, thick, plant about 10' tall

880 unknown, round samara

6/28/38 n. Clear Lake in bottom of draw opening north. Tall shrub-15', lvs dark green. elev. about 1650 Prunc. a. s. 878, Rhus diversiloba, Rhus trilobata Rhamnus 881, Psoralea? 872, Quercus douglasii, Pinus sabiniana

888 / Rhamnus

6/28/38 n. Clear Lake, Calif. along county road near the ℄. elev. about 1650'. Tall shrub about 10', leaves rich green. a. s. etc, see 876.

889 ? Madia ?

6/29/38; n. Clear Lake, Calif. along state road near the ℄., elev. about 1650'. a. s. princ. Festuca, dry grasses, some Brassica. Rayed allas yellow inside, more buffed with dark vein outside.

883 cruds-clover-like head
6/29/38 n. Clear Lake along state road near the Y, elev. about 1650.
princ a. s. 884
Corollas rose purple outside when in bud, blue purple mottled middle lower lip.

884 gray-chicory root but
6/29/38 same location & details as 883 except fls which were apetalous?, not showy.

885 Centaurea solstitialis, L.
6/29/38 near 882, q.v. for details
Corollas bright yellow

886 Erodium botrys
3/25/39 Utah Co. elev. abt 5000'?
roadside, sandy loam. Dry season
prins. a.s.o. grasses, E. circutarium,
887 , seedlings. flowers blue.

887 Lavicola?

3/25/39 Potah can. see 886 for details

Corollas yellow,

888 Aristolochia

3/25/39 Potah can. poss 500' elev? dry season roadside. a d not recorded but included Quercus Populus Rhus diversiloba. Vines sprawling & climing over rocks & shrubs.

889 Erodium botrys

4/1/39 Roadside SE of Mills (E of Sacramento)
sandy loam, poss 300' elev. Dry season.
prin a. s. Layia , 890
various grasses.
corolla blue. abundant,
coloring large areas

890 yellow Scraph (Johnny Tuck)

4/1/39 see 889

corolla sacs bright yellow,
galla purplish.

F.V.

891 Deschampsia

4/1/39. hillside near Cobra 2000' elev.

prine as. grasses, 893,

894 , Ranunculus californicus,

other a's not recorded

892 Layia

4/1/39 see 889

Phlox gracilis?

893 Linum?

4/1/39 see 891

corolla lilac, white throat, Lower part of stem & backs of some lower leaves purplish.

894 Lupinus sp

4/1/39 see 891

pubescence not appressed
Corolla blue, white on front of banner with dots, sides of banner blue, bent back, erect.

X

'895 Cotyledon
pulverulenta
Santa Ana elev. 100'
1937 (or '36) under cultivation but
little care given. -
flowers crimson red under
the copious bloom.

'896 Cercis occidentalis
4/6/39 Rutah can ½ mi beyond Napa Co line,
roadside hillside; large shrub
a.s. Aesculus californicus, Quercus
lobata.

purple corollas, past height of
bloom

8 9 7 Rhus trilobata
4/6/39 beyond Putah can, toward Calistoga.
Thicket below road. elev.?
a.s not recorded.

yellow flowers, before leaves

8 9 8 Rhus trilobata
with new leaves, which were
dark green.
4/6/39 Putah can elev. 400' (?)
Thickets. a.s. not recorded but
included Aristolochia, Quercus
lobata, Populus fremontii, grasses.
near creek bank.

899 Lidalcea
4/6/39 Utah Can. roadside along pear orchard which was in bloom. elev.?
a.s. see 905

rose-purple corolla, dark green leaves.

900 Ranunculus (canus)
4/6/39 Utah Can, grassy meadow, elev.?

901 Sanicula (bipinnatifida?)

4/6/39 Putah can, roadside. elev ?

prine a.s. 902, 907 ,

dark red flowers

902 "prone ear chickweed"

4/6/39 Putah can. Cerastium viscosum Prob

see 907

corolla white

903 Montia (small) white sp
4/6/39 Putah can., roadside, elev. ?
princ a.s. 902 ,

possibly a stunted form of M. perfoliata
because of the hard soil.

904 Compositae
4/6/39 Putah can, elev. ? , hillside
princ a.s., which were abundant at this
point and among which this was mixed:
Lupinus (906 , clover 913 ,
Linnanthus , Filia ?
911 , 912
913

905 Scandix

4/6/39 Putah can. roadside about a mile beyond Napa Co. line elev. ? sandy loam. principal a. s. Sidalcea Galium Avena fatua, Bromus hordeaceus, Malva parviflora, Montia perfoliata, Ranunculus (900) Medicago hispida, Lepidium nitidum

906 Lupinus

4/6/39 Putah can.
large patch on low hill, showy
see 904

907 Nestotis ciliosa

4/6/39 Rutah can. roadside, some shade at least part of day

prins a. s. Brubons, other grasses, '901 '902

pinkish corollas

908 Thysanocarpus laciniatus

4/6/39 Rutah can. roadside, near 907

prins a. s. 907 , 902

Medicago hispida, Erodium botrys, Geranium sp. (909)

young fruits pinkish green edge, older ones greenish white all over.

909 Geranium sp.

4/6/39

see 908

petals lilac

910 Galium (sparine)

4/6/39

see 905

911 Lupinus white

4/6/39.

see 906

1 plant only found close to 906

912 Micropus

4/6/39

with 906

913 Trifolium

4/6/39

with 906
red, white tip. Bracts silky pubescent,
reddish tips

914 Eriogonum douglasii

4/6/39 Butah can
In bottom of draw below 906
princ. on s. 915 , grasses
such as Hordeum murinum, etc

corollas white

915 Cryptantha (Albicaya)

4/6/39 Rutah can.

spec 914

small white, throat crested, Tip pubescence on calyx brown.

916 Linanthus (bicolor)

4/6/39

violet, yellow Throat

917 Trifolium

4/6/39 Putah can.

with 906

inflated. greenish

inflated, part red, white tip

918 Collinsia bicolor

4/6/39 can beyond Putah can toward Calistoga. Roadside, edge of field where were many of these + Layia platyglossa.

a. s. not recorded.

919 Cichorieae

4/15/39 N of Davis ½mi roadside, loam, near railroad.

princ a.s. Avena fatua, Convolvulus arvensis, Centaurea (solstitialis)(young)

heads conical, closed in P.M., lower bracts spreading, perennial, los erect

920 Amsinckia douglasiana

4/15/39 ½mi N of Davis roadside, R Right of way. The larger plant caught in dirt pushed off road by grader, bending lower part; smaller ones in heavy growth Medicago hispida

princ a.s. M. hispida, Avena fatua, Rumex sp. unknown grasses.

921

921 Lupinus sp

4/15/39 see 920

In heavy growth Medicago hispida

pods somewhat hispid to lips. corolla wings blue, banner blue, white front with dots lvs not folded; green both sides

922 Hordeum nodosum

4/15/39 1 mi N. Davis roadside, loam

prine a. s. H. murinum, Avena fatua, Bromus hordeaceus, Rumex sp. Convolvulus arvensis, Bromus rigidus,

Smaller plant was near bottom of ditch where water had apparently stood quite a bit, the larger plant on harder, dryer ground closer to road.

short red ray corollas erect.

923 Achyrachaera mollis Schauer.

4/15/39. 1 mi N of Davis Drainage ditch bottom (dry), roadside.
scattered individuals pappus silvery heads in sea being conspicuous
prine a. s. 924 ? Medicago hispida, Bromus hordeaceus, Avena fatua, Hordeum murinum, young Lotus (americanus), Centaurea, Eriophyllum (sp)(?), Matricaria suaveolens, some unknowns seedlings

924 Juncus sp

4/15/39

see 923

perianth with dark brown strip either side of green midrib. stigma 3 parted, anthers twisted

925 Compositae

4/15/39

Prob. near No. 923

pappus on seed dirty brown

926 allocarya?

4/15/39

a.s. Calandrinia mengiesii

a.s. 923-930

white, throat crested, yellow throat outlets erect, not incurved more spreading when mature

larger proportion of 924-930 than with 923

Insects about same

927 grass (narrow Phalaris)

4/15/39

see 926

928 fine grass

4/15/39

see 926

929 Plantago sp

4/15/39

see 926

green but not grass green - slightly grayish.

930 (Navarretia)

4/15/39

see 926

corolla white incl anthers. Bracts not very stiff.

931 Kickxia

4/26/39 Putah Can. near Silveys elev.

among rocks, in sand, creek bottom

prime a s. Xanthium canadense, Vitis sp, Aesculus, Rhus diversiloba, Epilobium sp, Populus fremontii, Medicago hispida, other introduced weeds as Chenopodium, Heliotropium curassavicum, Brassica etc.

Flowers yellow lower lip, purple upper lip, plants usually single.

932 Cyperus sp.

4/26/39 Putah Can.

Near 931, but in edge of water, forming pure stands — also where water was close to surface. Also close to 933.

933 Glyceria (striata)

4/26/39 Putah can. elev.

Solid stands in patches, spreading underground, near water + 932. Salix sp. an additional a. s.

934 Gilia (capitata)

4/26/39 Putah can.

In patch of sand a few rocks from 931, on creek bank back from water. Immediate a. s all introduced weed, solid stand of Bromus rigidus being close by.

flowers + light blue.

935 Eriophyllum (lanatum) acc Kyle

4/26/39 Rutah can. Ylo Co.
Near 934. Beside Lotus scoparius.
Principal a. s. Bromus rigidus

flowers yellow

936 Lotus humistratus Greene

4/26/39 Rutah can.
fill slope below road.
a. s. Solanum xantii, Phacelia californica, Eriogonum sp.

flowers yellow

937 Carex sp

4/26/39 Rutah can.

clumps close to & in stream, about 3 feet high, 2' broad, fountain like. princ a.s. 938 which was growing around & among the clumps, Alnus (rhombifolia?), Salix sp.

938 Equisetum

4/26/39 Rutah can.

see 937

939 Cornus glabrata Benth.

4/26/39 Butah can.

Near 937, 938. assoc. a.s. Vitis (sp), Rosa californica?, Salix sp, Aesculus californica.

flower whitish. foliage green

940 Fraxinus oregana

4/26/39 Butah Can.

near 939, farther from stream but still in bottom.

foliage bright green.

941 Briza

4/26/39 Putah can
Roadside near Monticello
Principal a. s. Introduced grasses - Avena fatua, Bromus rigidus, B. hordeaceus, Hordeum murinum etc, Ranunculus edipis n., 2 or 3 Brodiaea hyacinthina

942

Lotus

(plants in the press given this number by mistake - should be all under 936.

943 Lidakea (1st one?) Arc Hyde?

4/26/39 Putah can.

prin a.s Avena fatua, Bromus rigidus, other Bromus not recorded, Brodiaea laxa Godia sp., Geranium dissectum (945) among Quercus douglasii on which lichens were growing.

flowers rose pink, some with carmine red base inside

944 Lupinus yellow

4/26/39 Putah can.

With 943

1 plant only found

flowers bright yellow

945 Geranium dissectum (Hyde)

4/26/39 Putah can
see 9.43.

946 Juncus sp

4/26/39 Putah can.
not far from 940. In low spot, damp, where also were other small plants, including seedling Populus fremontii, Mimulus guttatus, Briza , Poa annua (?), other low plants not recorded.

flower green.

947

Aristolochia californica
2/25/39 Datah can, no other details
noted.

948

1" Symphoricarpos sp.
11/24/40 near Lower Lake on property
owned by Mr Luckein. No details
noted.

949

Spergula or Spergularia
4/28/40 2 mi No of Davis, alkali flats
Corolla pink or rose ~~pink~~ lavender

950

4/28/40 Compositae - Inuleae - Gnaphalium
salustre(?)
2 mi No of Davis, Yolo Co., alkali flat.

951

Inuleae - Microseris? sp.
4/28/40 at turn west of Winters, Yolo Co - grassy hillsides

952

Centromadia (?) sp. pungens
4/28/40 2 mi No Davis in alkali flat.

953

4/28/40 Baeria sp.
Davis 2 mi No in alkali flats

954 Compositae
10/13/40 Twin Lakes (El Dorado Co.)
near a lava flow.

955

4/28/40 Lepidium sp.
alkali flats 2 mi NW of Davis

956

10/13/40 Twin Lakes? Alpine or Amador Cos. Location not recorded.

957

Nov 24, 1940

Cyperaceae sp

Exact place of collection not recorded

Was near Lower Lake.

958

Nov 24, 1940

Arctostaphylos (sp)

near Lower Lake (Ludekin place)

959

10/13/40? Arctostaphylos sp.
Twin Lakes?, Alpine Co.

960

4/28/40 Festuca (sp)
alkali flats abt 1 mi No of Davis,
Yolo Co.

961

Echinochloa sp.

7/22/40 1320 So Main, Santa Ana.

growing in retail nursery among and in cans containing plants.

More prostrate than *E colonum*, shorter, and a transverse purplish stripe ~~across~~ mid-blade.

962

Unknown grass

4/28/40

alkali flats No of Davis

963 Unknown Graminae
10/13/40 (?)
Twin Lakes (?)

964 Juncaceae
11/24/40
Lower Lake.

965 Juncaceae
Nov. 24, 1940
Lower Lake.

966 Lupinus sp. (yellow)
Putah can, road bank.
4/28/40

967 Trifolium (sp)
4/28/40
Alkali flats 2 mi. No. of Davis
Deep red Corolla.

968 Trifolium (sp)
4/28/40
alkali flats 2 mi No of Davis
Lavender, keel white tip & dark spot
on side) Larger heads.

969 Trifolium (sp)
4/28/40
Davis, 1 mi No, in ditch
Pink flowers
Other sp. Hordeum nodosum, barley, bur clover, clover with inflated corolla.

970 Trifolium sp.
4/28/40
Davis, 1 mi No.
in ditch.
Inflated yellow corolla

971 Pinus (sp.)
10/13/40 Twin Lakes
on slope
bark plated (something like P. ponderosa but more gray) Thin-scaled cones.

972 Abies concolor
10/13/40 Twin Lakes
Young tree abt 20' tall, branches turning up more than seems usual for the species.

973 Plantago (sp)
4/28/40
Davis 2 mi No., in alkali flat.

974 Polemoniaceae
4/28/40
deep blue fls
at turn west of Winters, grassy
hillsides

975 Polygonum (sp)
Twin Lakes, 10/13/40
on talus slope.

976 Polypodiaceae sp?
10/13/40
Twin Lakes
in underhang of lava cliff.

977 Rhamnaceae (?)
10/13/40 Twin Lakes.
Thorny shrub.

978 Ercocarpus (sp.)
Nov. 24, 1940
near Lower Lake

979
Galium sp.
Nov. 24, 1940
near Lower Lake

980 Populus Tremuloides
Oct 13, 1940
near Silver Lake

981 Veronica (sp)
4/28/40
alkali flats, 2 mi No of Davis

982 unknown.
10/13/40 Twin Lakes.
Scattered plants but numerous
over most of ground.

983

984

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996

997 Erodium cicutarium
Davis, Univ campus Mar 15, 1941
Back of heating plant.
Not crowded

998 Erodium cicutarium
Davis
campus Mar. 15, 1941
Between tracks back of heating
plant. Gravel
Crowded among others

999 Equisetum (sp)
Mar 15, 1941
Sacramento river levee
Coll. by ?KEH (?)

1000 amaranthus deflexus
6/18/41 Prob. Santa Ana in nursery as
weed (Blanding Nurseries 1312 So Main)
perennial

↓1001 — 22

3/15/41

isetum hamale

var.

cramento r. 15 mi So. on

st levee. Sandy soil

ll sun. Prine, a.s.

ostly grasses, immature,

rob. mostly Bromus.

Stems green, strobili brown, dark.

/41

rvense

Colwell. at

s by ground.

-o ided.

999 Equisetum (sp)
Mar 15, 1941
Sacramento river levee
Coll. by T.K.E.H. (?)

1000 amaranthus deflexus
6/18/41 Prob. Santa Ana in nursery as
weed (Blanding Nurseries 1312 So Main)
perennial

1001

3/15/41

Equisetum arvense

Coll by R. L. Colwell at Berkeley. Mass by ground. a. s. not recorded.

1002

999 Equisetum (sp)
Mar 15, 1941
Sacramento river levee
Coll. by ?KEH (?)

1000 amaranthus deflexus
6/18/41 Prob. Santa Ana in nursery as
weed (Blanding Nurseries 1312 So Main)
perennial

1001

1002

1003

3/15/41

Acer negundo
pistillate flowers
Putah creek bank, U.C.
Davis campus. Back of apiarys, no
Sandy loam (Yolo). Small
sparse tree shaded by
cottonwoods, willows,
oaks. a.s. also included
Sambucus, Echinocystis
macrocarpa, Ailanthus
glandulosa, Clematis lasiantha,
grasses
Flowers esp wings & pedicels pink.

~~1005~~ 1005

3/22/41

Juncus? sp
E. of Folsom E of Monroe & grass pasture full sun close to + in marshy ground where was standing water & s. s. in place + incl. Erodium botrys, Hordeum murinum (immature), other grass, Poa annua, Erodium circutarium, bur clover, ?

Stems green, flowers, greenish but tending scarious, mostly in bud.

1003

3/15/41

Acer negundo
Staminate flowers.
Near [redacted] and
similar conditions, no
Ailanthus.
Pedicels pink

1004

1005

1006

3/22/41

Ceanothus sp

E. of Folsom. E of Mormon Island

Fence by pasture

Quercus

a s. oak (Quercus (maul oak) close to (Juncus sp)

Flowers white, fragrant

1003

1004

1005

1006

1007

3/22/41

bur clover (with purple dot) near creek, part shade E. of Norman d., E. of Folsom. q. v. incl. Alnus, Rosa, Rhus diversiloba, Medicago hispida, Scrophulariaceae (not Alnus, Quercus sp. etc Erodium botry. Not yet in flower, purple spot in center of each leaflet.

clone (abors) Norman d
ade
Alnus,
shrub.

1009

1009 3/22/41

Tuny (Libe Tilaea) No. brow of hill E of Mormon R., American river.

clear spaces between Adenostoma. Appeared slightly grayish green.

1010

1008 ✓

1007

3/22/41

Scrophulariaceae with Bur clover (above) purple flowers. Est. of Norman L creek bank part shade (prob tubers)?
a. s. princ Erodium, grass etc. Trees Alnus, Quercus, Rosa (shrub.

1008

1010

1009

3/22/41

Leptodactylon? (Phlox?)
E of Folsom, E of Mormon St.
So. slope of hill in abandoned
almond orchard. Scattered
among the a s of same
height.
a. s. Erodium botrys, E.
circutarium, Lupinus sp.
grasses. Asperula (wet)
Flowers pink or carmine?
pink.

1010

007

008

1009

1010

1011

3/22/41

Spergula?
With the last. Lower than a.s. it was scattered among occuring singly or in tiny patches.

1013

1013

3/22/4)

Montia (by deep ditch. /4)
part shade (near last)
a.s. similar to above, rmon D.
place same. Growing in
more shady places where articularly
more mosses, liverworts, to
etc grew.
Flowers light pink. mson

1014

1011

3/22/41

Plagiobothrys
near dirt rd few mi.
so. of Pilot Hill.
a. s. not noted especially
but included Gymnogramme
triangularis, Erodium botrys,
E circutarium ?, Montia
sp (next) various grasses,
Lupinus sp., Quercus,
Pinus (Digger), Rhamnus
sp (late), Ceanothus (1st Today)
Rhus diversiloba, R. trilobata.
Soil Aiken

1012

1013

3/22/41

Sanicula (red fls)

where ate lunch

E. of Folsom, E of Mormon I.

Roadside

a. s. not noted particularly

but included sim to

(Leptodactylon) above

Flower head crimson

red

1014

1011

1012

1013

1014

1011

3/22/41

Spergula?
With the last. Lower than a.s. it was scattered among, occuring singly or in tiny patches.

1013

1013 3/22/4)

Montia (by deep ditch. (4)
part shade (near last)
a.s. similar to above, ...rmon D.
place same. Growing in
more shady places where ...articularly
more mosses, liverworts, to
etc grew.
Flowers light pink. ...mon

1014

1011

3/22/41

Plagiobothrys
near ditch few mi.
so. of Pilot Hill.
a. s. not noted especially
but included Gymnogramme
triangularis, Erodium botrys,
E circutarium?, Montia
sp (next) various grasses,
Lupinus sp., Quercus,
Pinus (Digger), Rhamnus
sp (later), Ceanothus (1st today)
1012 Rhus diversiloba, R. trilobata.
Soil Aiken

1013

3/22/41

Sanicula (rd fls)

where ate lunch

E. of Folsom, E of Mormon R.

Roadside

a.s. not noted particularly

but included sim to

(Leptodactylon) above

Flower head crimson

red

1014

1011

1012

1013

1014

7015

3/22/41

Rhamnus sp
(near ditch few mi so of
Pilot Hill. Roadside bank.
Foliage grayish, soft., shrub
5'-6" tall, sim spread.
a.s. scattered Quercus sp,
Ceanothus (white above), low
plants with Plagiobothrys
above.

~~1017~~

1017 3/22/41
Plantago
near ditch aiken soil
see Abyssanocarpus above.

t

(white

ns

ll.

ed

1015

3/22/41
Thyrsanocarpus
bank across from ditch
near Plagiobothrys alone
a.s. also incl more
Bryophyta, Plantago (next)

1016

1017

3/22/41 1018

Silene (2 sheets

So of Pilot Hill

a.s not recorded but

incl Rhus diversiloba,

R trilobata, Ceanothus (white

above), Quercus (spp), Pinus

(digger) & the following coll.

on same day.

Corolla vermillion? red

1018

1015

1016

1017

1018

1019

1019 3/22/41

Fine leaved yellow Lomatium?

see Sibene coll 3/22/41

1020

~~1021~~

1021 3/22/41
small Saxifragaceae ? near
Bloomeria
white
see Silene coll. 3/22/41 2/41

1021

1019

3/22/41
Bloomeria ?
yellow

see Silene coll 3/22/41

1020

1022 ✓

1021

3/22/41
Plectritis ?
light pink

see Silene coll 3/22/41

1022

1019

1020

1021

1022

1023

3/22/41

~~Juncus~~ sp Luzula

Brownish perianth margins

See Silem coll 3/22/41

In shade near creek but

~~scattered~~, not necessarily on

immediate bank.

3/22/41

102

~~1025~~ 1025

1025 3/22/41
Dodecatheon
Lavender flowers
See Silene coll 3/22/41 2/41

1026

1024

1023

3/22/41
Phlox ?
Pink flowers
See Silene coll 3/22/41

1024

1025

3/22/41
Ranunculus 2 sheets
Yellow flowers
See Silene coll 3/22/41

1026

1023

1024

1025

1026

1027

1027 3/22/41
Iris sibirica
blue with yellow center of
petals

see Silene coll 3/22/41

1029

1029 3/26/41
Streptanthus
Butah can. rocky So.
hill slope just above road.
drying rapidly, steep.
Rinc a. s. incl Avena,
(see next), Medicago sativa,
Trifolium (s/s next)
Bromus rubens?
Lus glaucus, upper parts of
pedicels dark red purple, also
1030 inflated calyx, petals lighter
& white tipped.

1028

1027

3/22/41
Sprouting Aesculus
So of Pilot Hill
In edge of running stream.

1028

1029

3/26/41
Avena sp fatua?
(see above)

1030

1027

1028

1029

1030

1031

3/26/41
Trifolium
(see above)

?concolor)
is,

spiculentus?
Ley,
locarya

1033 Acer macrophyllum 3/9/46
no field notes - see label.
Tree about 40' tall, in ravine beside
the Napa-Monticello road.

1034 Mesembryanthemum aequilaterale Haw 3/9/46
Exposed sea bluff, clayey soil near Bodega
Bay.

1032

1031

4/27/41

Mimulus (tricolor?, concolor)

4-5 mi SW of Davis,

princ a. s. Lupinus succulentus?
Trifolium spp, barley,
Bromus spp., Allocarya

1032

1033 Acer macrophyllum 3/9/46
no field notes - see label.
Tree about 40' tall, in ravine beside
the Napa-Monticello road.

1034 Mesembryanthemum aequilaterale Haw 3/9/46
Exposed sea bluff, clayey soil near Bodega
Bay.

1031

1032

1033 Acer macrophyllum 3/9/46
no field notes - see label.
Tree about 40' tall, in ravine beside
the Napa-Monticello road.

1034 Mesembryanthemum aequilaterale Haw 3/9/46
Exposed sea bluff, clayey soil near Bodega
Bay.

1035 Rhus trilobata
4/13/46 Putah can.

~~1036 Aristolochia californica~~
~~2/25/39 Putah can., details not recorded~~
1036 Aristolochia californica Mar 23, 1946
Putah can near Cannon Ball.

1037 Allocarya stipitata
4/19/46 alkali flat 3-4 mi NE of Davis

1038 Cryptantha flaccida
3/29/46 Rocky hillside, south slope, Putah can near Napa Co line.

1039 Cynoglossum grande
3/9/46 in Chaparral about 500' elev(?) in Napa range NE of Napa on road to Monticello. In recently burned over area, rich though shallow soil.

1040 Plagiobothrys nothofulvus
3/23/46 In grassy meadows and along roadside; Napa range along Napa-Monticello road.

1041 Eraistium viscosum

3/23/46 Roadside, gravelly, well-drained soil, dry along the Napa-Monticello road, Napa range.

1042 Spergula or Spergularia

4/19/46 Alkali flat 3-4 mi north, east of Davis, Yolo Co.

1043 Spergula?
Mar 9, 1946 near Santa Rosa

1044 Spergularia macrotheca
April 19, 1946 3-4 mi NE of Davis

1045 Stellaria media
April 1946 Davis waste ground, part shade

1046 Gnaphalium palustre
April 13, 1946 Eutah can, sandy creek bank, part shade.

1047 Microspus californicus
Mar 29, 1946 Putah can, near Napa Co. line
south hill slope, rocky.

1048 Microspus (?)
April 13, 1946 Putah can, sandy spots on
creek bank.

1049 Wyethia sp.
3/23/46 Monticello-Napa road

1050 Achyrachaena mollis
April 19, 1946 3-4 mi NE of Davis,
alkaline flats.

1051 Centromadia pungens
4/19/46 3-4 mi No of Davis on an
alkali flat.

1052 Layia calliglossa (?)
4/19/46 3-4 mi No. of Davis, alkali flat

1053 Achillea millefolium var. lanulosa
3/23/46 Napa range, along Napa-
Monticello Gravelly or rocky hill slope.

1054 Cotula coronopifolia
Mar 9 1946 Wet roadside ditch near Bodega,
Sonoma Co.

1055 Athysanus pusillus
Mar 23, 1946 along Napa-Monticello
road, Napa range, ~~Solano~~ Co. Napa Co.
in hillside pasture

1056 Capsella bursa-pastoris
April 1946 Davis waste ground.

1057 Cakile edentula
Mar 9, 1946 near Bodega Bay. Exposed sea bluff, clayey soil.

1058 Lepidium nitidum
Mar 23, 1946 Napa range, along Monticello-Napa road. Roadside, flat ground, hard, dry.

1059 Thysanocarpus curvipes

Mar 23, 1946 Napa range, along Napa-Monticello road.

Rolling pasture, grassy.

1060 Thysanocarpus laciniatus

3/29/46 Putah can, near Napa Co. line, partly shaded by shrubs, rocky south slope.

1061 Carex sp.
April 13, 1946
Putah can., creek bottom

1062 Cyperaceae
4/13/46
Putah can, along creek. Exact place not recorded

1063 Equisetum (sp)
5/10/46 Gates Valley, near Vacaville along narrow Mt road in cañon.
(This & other specimens collected on north & east slopes for the most part up to the manzanita belt.

1064 Arbutus menziesii
Mar 23, 1946 along Napa-Monticello road, Napa range. Tree about 25' tall, hillside, part of the chaparral.

1065 Arctostaphylos manzanita
Mar. 23, 1946 along Napa-Monticello road, Napa range, Napa Co.
Shrub about 6 ft tall.

1066 Quercus wislizenii
Mar 29, 1946 Tree abt 25 ft tall, spreading, round top
Putah Can, near Napa Co. line.

1067 Erodium moschatum
Davis April 1946

1068 Bromus mollis
Davis April 19, 1946 waste ground

1069 Bromus rigidus
April 15, 1946 waste ground, Davis

1070 Poa annua
4/15/46 Davis. Waste ground

1071 Hordeum murinum
4/15/46 Davis waste ground

1072 Hordeum nodosum
4/19/46 abt 4 mi No of Davis
alkali flat, along a fence

1073 Avena fatua
4/15/46 Davis
waste ground

1074 Phalaris sp.
alkali flat 3-4 mi NE Davis
4/19/46

1075 Nemophila ~~aurita~~ heterophylla
3/23/46 Napa range along Napa-
Monticello road.
In leaf mold under shade of trees

1076 Nemophila menziesii
~~3/7/42 by Lois Heaton~~ (see #1033)
~~Green Valley (near Fairfield)~~
~~Sunny slopes.~~
3/23/46 Napa range, along Napa-Monticello rd.
Roadside fence row
1077 Phacelia californica
Mar 9, 1946 near Bodega
South hill slope, rocky soil
(perennial)

1078 Iris douglasiana
Mar 9, 1946, rolling pastures, near seacoast, near Bodega Bay

1079 Iris sp.)
May 10, 1946 Yates Valley near Vacaville. "Along narrow Mt. road in canyon, north & slope for the most part." (note on plants collected this date). Cream colored flowers.

1080 Lupula campestris
Mar 23, 1946 Napa range, near summit of Napa-Monticello road.
In shade of trees & shrubs, damp soil.

1081 Stachys ajugoides
May 10, 1946 Yates Valley. See 1079.

1082 Labiatae
May 10, 1946
(white flowers, shrubby, 4' tall)
(see 1079)

1083 Umbellularia californica
Mar 9, 1946
Napa range, along Napa-Monticello road. Tree around 30' tall in ravine

1084 Cercis occidentalis
Mar 23, 1946
Putah can, Yolo Co.
Hillside ravine, shrub about 15' tall.

1085 Lathyrus vestitus (?)
Mar 9, 1946.
Location not certain, probably near Sodega.

1086 Lathyrus (sp)
Mar 23, 1946
Pinkish lavender, darker streaks outside of banner.
Along Monticello - Napa road

1087 Lotus sp.
Mar 23, 1946
Along Monticello - Napa road, Napa Co.

1088 Lupinus bicolor
Mar 29, 1946
Putah can, south hill slope near
Cannonball

1089 Lupinus bicolor (?)
Mar 23, 1946
Monticello-Napa road.

1090 Lupinus variicolor
Mar. 9, 1946
South hill slope, shrubby, about 3 ft
tall & as broad
Roadside near Bodega

1091 Lupinus (sp.)
May 10, 1946
Gates Valley near Vacaville. Along narrow Mt. road in canon northeast slope.
4' tall, spreading

1092 Lupinus (sp.)
Mar 9, 1946
near Bodega
Blue fls, lighter banner, yellow spot.

1093 Lupinus (sp.)
Mar 23, 1946
Along Napa-Monticello road
Shrub, all blue corolla, except red-purple spot on banner, Plant 2 ft tall, broad.

1094 Lupinus (sp).
Mar. 23, 1946
Along Monticello-Napa road
Blue, white banner spot aging
purple

1095 Lupinus (sp) yellow
April 13, 1946
Putah can.
South slopes
color orange yellow

1096 Trifolium amplectens
April 19, 1946
alkali flat 3-4 mi No of Davis

1097 Trifolium amplectens var.
diversifolium
April 19, 1946
same place as 1096

1098 Trifolium bifidum var decipiens
4/19/46
same place or near 1096

1099. Trifolium ciliatum
~~#2~~ 3/29/46
Utah can near Cannon Dall
oblong leaflets, pink fls.

1100 Rhus diversiloba
4/29/42(?) by Lois Weston? Putah can

1101 Amsinckia douglasiana
4/7/42(?) by Lois Weston. Davis campus.

1102 Cynoglossum grande
3/7/42? by Lois Weston Green Valley (near Fairfield).

1103 Plagiobothrys nothofulvus
3/7/42 (?) Green Valley by Lois Weston

1104 Silene gallica
4/29/42 (?) by Lois Weston Putah can.

1105 Atriplex sp.
7/20/38 by Same Keeton? Elkhorn Slough.
(Sacramento Valley)

1107 Erigeron glauca
July 1938 Pacific Grove, by Sam Keeton

1108 Venegasia carpesioides
July 4, 1938 arroy Grande Park, San Luis Obispo Co. by R M Raynor.

1109 Matricaria suaveolens
4/5/42(?) by Lois Weston
Davis Cty. College campus

1110 Compositae - species not known
1938 Inyo Mts, near Aberdeen. Prob.
by Sam Keeton

1111 Compositae - species not identified
July 1938. Prob. Pacific Grove (Monterey
Co.) by Sam Keeton.

1112 Compositae - species not identified
July 1938. Prob. Pacific Grove by Sam
Keeton.

1113 Brassica campestris
april 7, 1942 (?) by Lois Weston
Davis campus, Yolo co.

1114 Barbarea vulgaris
3/7/42 (?) Lois Weston
Green Valley near Fairfield, ~~Napa Co.~~ Solano Co.

1115 Dentaria integrifolia
3/7/42 (?) by Lois Weston
Green Valley, near Fairfield, Solano Co.

1116 Thysanocarpus curvipes
Mar 7, 1942 (?) Green Valley near Fairfield, Solano Co.
by Lois Weston

1117 Cruciferae
yellow flowers
Mar. 23, 1946 along Napa-Monticello Rd, Solano Co.

1118 Echinocystis fabacea
Mar 7, 1942 (?) by Lois Weston
Green Valley, near Fairfield, Solano Co.

#1119 Equisetum arvense
3/5/42 near or at Berkeley
along creek, most prob.
Coll'd by R. H. Colwell.
Arctostaphylos manzanita by Lois Weston
Mar. 7, 1942(?) Green Valley, near Fairfield

#1120 Erodium botrys
Mar 7 1942? Green Valley
by Lois Weston

#1121 Erodium cicutarium
Davis campus April 7, 1942(?)
by Lois Weston

1122 Erodium moschatum
April 7, 1942 (?), Univ campus Davis
by Lois Weston

1123 Bromus hordaceus
April 20, 1942 (?) Davis, Yolo Co.
by Lois Weston

1124 Bromus rigidus
April 20, 1942 (?) Davis, Yolo Co.
by Lois Weston

1125 Festuca megalura
April 20, 1942 (?) Davis
by Lois Weston

1126 Festuca reflexa
April 24, 1942 (?)
Dutah can.
by Lois Weston

1127 Melica bella
April 24, 1942 (?)
Dutah can.
by Lois Weston

1128 Hordeum nodosum
April 20, 1942 (?) Davis
by Lois Weston

1129 Lolium multiflorum (?)
April 20, 1942 (?) Davis
by Lois Weston

1130 Aira danthonoides
April 20, 1942 (?) Davis
by Lois Weston

1131 Polypogon monspeliensis
April 20, 1942 (?) Davis
by Lois Weston.

1132 Nemophila heterophylla
Mar 7, 1942 (?) by Lois Weston
Green Valley (near Fairfield).

1133 Nemophila menziesii
3/7/42 by Lois Weston
Green Valley (near Fairfield, Solano Co.)
Sunny slopes

1134 Phacelia californica
April 24, 1942 (?) by Lois Weston
Butah can.

1135 Iris douglasiana
Mar 7, 1942 (?) by Lois Weston
Green Valley, near Fairfield, Solano
Co.

1136 ~~Loyola campestris~~ Marrubium
~~Mar 23 1942, Napa Co~~ vulgare
Butah can, April 24, 1942 (?)
by Lois Weston.

1137 Umbellularia californica
Mar 7, 1942 (?) Green Valley, near
Fairfield. Tree 25 feet tall
Coll. Lois Weston

1138 Cercis occidentalis
April 24, 1942 (?)
Butah can. Shrub about 15 ft tall.
Coll Lois Weston

1139 Lathyrus watsonii
Mar 7, 1942 (?)
Green Valley, near Fairfield
Pinkish lavender flowers with
markings.
Coll. Lois Weston.

1140 Lotus humistratus
April 24, 1942 (?)
Putah can.
Coll Lois Weston

1141 Medicago hispida
April 24, 1942 (?)
Putah can.
Coll Lois Weston.

1142. Melilotus indica
April 7, 1942 (?)
Campus at Davis
Coll Lois Weston.

1143 Melilotus alba
April 27, 1942 (?)
Putah Can. Perennial
Coll. Lois Weston

(Discovery of No 1144 proved all Lois Weston specimens collected 1942).

1144 Lupinus albifrons
Mar 7, 1942
Sunny hillside, Green Valley.
Shrub 4 ft high
Coll Lois Weston

1145 Lupinus bicolor.
April 24, 1942 (?)
Putah can.
Coll. Lois Weston (?)

1146 Lupinus nanus
Mar 7, 1942
Green Valley
Sunny hillside
Coll. Lois Weston.

1147 Lupinus succulentus
April 24, 1942 (?)
Putah can.
Coll. Lois Weston (?)

1148 Lupinus sp. (yellow)
April 24, (1942)
Putah can.
Perennial
Coll. Lois Weston (?)

1149 Trifolium columbianum or
T. olivaceum var columbianum
Coll by H E Collin, Farm Advisor
Placer Co:, April 25, 1935. Det. by
J. T. Howell

1150 Trifolium tridentatum
april 24, 1942
Utah can.
Coll. Lois Weston.

1151 Linnanthes douglasii
April 14, 1942
Field near Fairfield
Coll Lois Weston.

1152 Brodiaea capitata
Mar. 7, 1942
Green Valley, near Fairfield, Solano Co.
Coll. Lois Weston.

1153 Brodiaea laxa
April 24, 1942
Putah Can, Yolo Co.
Coll. Lois Weston.

1154 Erythronium (sp)
1946
from D. A. Vance, near Walker, Oregon.
Douglas fir woods

1155 Fritillaria lanceolata
3/7/42
Cool, moist, shady cañon, Green Valley near Fairfield, Solano Co.
Coll. Lois Weston.

1156 Trillium ovatum
Mar 1946
near Walker, Oregon
Coll. Mrs D. A. Vance.

1157 Clarkia (sp.)
5/10/46
Gates Valley, near Vacaville
along narrow Mt. road, north or
or east slope.

1158 Calypso bulbosa
Spring 1946
Near Walker, Oregon, by D. O. Vance.

1159 Eschaltzia californica
april 7 1942
2 ft tall
Davis campus
Coll. Lois Weston

1160 Plantago erecta
april 24, 1942
Dutch can.
Coll. Lois Weston.

1161 Linanthus androsaceus
4/15/42
Foothills near Fairfield.
by Lois Weston

1162 Rumex crispus
4/7/42
Campus at Davis
by Lois Weston
Plant 3 ft high, thickened but simple root.

1163 Calandrinia caulescens
4/7/42
Davis campus
Coll by Lois Weston

1164 Montia perfoliata
4/7/42
Davis campus flowers pink
by Lois Weston

1165 Dodecatheon hendersonii
3/7/42 Green Valley (near Fairfield)
Sunny slopes
by Lois Weston

1166 Delphinium ~~stigiosum~~ decorum
4/14/42 by Lois Weston
Green Valley, near Fairfield

1167 Ranunculus californicus
9/7/42 by Lois Weston
Green Valley. Sunny, moist hillside

1168 Ceanothus cuneatus
4/24/42 by Lois Weston
Putah can.
Shrub 12 ft high

1169 Sanguisorba minor
April 7, 1942
Davis campus
Coll. Lois Weston

1170 Lithophragma affinis
3/7/42
Green Valley, near Fairfield
Coll Lois Weston.

1171 Ribes victoris
3/7/42 Green Valley
Shrub 3'-4' high, cool shady cañon.
Coll. Lois Weston.

1172 Saxifraga virginiensis
3/7/42 Green Valley
Cool moist cañon

1173 Castilleia foliolosa
Mar 7, 1942 Green Valley
Shrub 2'-4' high, sunny hillside
Coll Lois Weston.

1174 Collinsia bicolor
April 24, 1942. Putah Can.
Coll. Lois Weston.

1175 Collinsia parviflora
3/7/42 Green Valley (near Fairfield)
Coll. Lois Weston.

1176 Collinsia (sp).
5/10/46 Suisun Valley, near Vacaville
along narrow mountain road
in cañon. Coll. Keith E. Hoffmaster.

1177 Diplacus aurantiacus
April 14, 1942. Hillside near Fairfield
Coll. Lois Weston.

1178 Orthocarpus erianthus
April 14, 1942 Near Fairfield
Open field
Coll Lois Weston.

1179 Orthocarpus purpurascens
April 24 1942.
Utah can.
Coll. Lois Weston.

1180 Pedicularis dendroflora
Mar 7, 1942
Shady Hillside, Green Valley (near Fairfield)
Coll. Lois Weston.

1181 Pentstemon
April 24, 1942
Utah can
Coll. Lois Weston

1182 Sanicula bipinnata
April 24, 1942
Putah can.
Coll. Lois Weston

1183 Sanicula menziesii
April 24, 1942
Putah can.
Coll. Lois Weston

1184 Unknown Umbelliferae
4/13/46 Putah can
rocky bank of creek.
Coll. Keith Hoffmaster

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1200 Trifolium fucatum
4/19/46
3-4 mi No of Davis,
alkali flat.
Sheathing scarious stipules, reddish or
purplish fls.
1201. Trifolium (sp.)
~~#~~ 3/29/46
Putah can, bet. Cannon Ball & Napa
Co. line.

1202 Trifolium gracilentum
April 19, 1946
alkali flats 3-4 mi No of Davis

1203 Trifolium (sp)
4/13/46
Putah can.

1204 Ulex europaeus
3/9/46
near Petaluma
Roadside, spreading throughout ~~at~~
hillside pasture.

1205 Brodiaea capitata
Mar 9, 1946
Napa range, near summit of Napa-
Monticello road,
growing on talus slope.

1206 Brodiaea lapa
3/23/46
Napa range, along Napa-Monticello road. Part shade, in pasture

1207 Calichortus pulchellus
5/10/46
North of Vacaville, Solano Co.

1208 Calichortus pulchellus
4/13/46
Putah can, rocky creek bank, part shade

1209 Zygadenus fremontii
3/9/46
In recently burned over area, rocky ground, Napa range, near summit of Napa-Monticello road

1210 Fraxinus (ssp)
April 13, 1946
Putah can, creek bottom

1211 ~~Calypso bulbosa~~
~~Spring 1946~~ Plantago maritima
Exposed sea bluff, clayey soil,
near Bodega Bay.
Mar 9, 1946

1212 Plantago erecta
Mar. 23, 1946
Gravelly soil, well-drained, hillside
Napa range, along Napa-Monticello road

1213 Lilia tricolor
Mar 29, 1946
Putah can. Sandy soil, near Cannon Ball.

1214 Linanthus (sp)
4/13/46
Putah can.

1215 Phlox gracilis
3/23/46
Hillside pasture, Napa range, along
Napa-Monticello road.

1216 Pteroxtegia drymarioides
Mar 29, 1946
Putah can. near Napa Co. line
Rocky hillside, south slop but in
shade of boulders.

1217 Calandrinia caulescens.
4/13/46
Davis. Waste ground.

1218 Montia (sp)
3/23/46 along Napa-Monticello road.
pink or lavender flowers.

1219 Anagallis arvensis
3/9/46 near Bodega

1220 Dodecatheon hendersonii
3/9/46 Napa range, near summit of Napa-Monticello road.
In recently burned over area, rich soil, near small stream

122 / Clematis lasiantha
3/29/46
Vine climbing along & over shrubs in can. bottom. Butte Co. near Cannon-Gall.

a+b top + bottom of plant on separate sheets.
222 Delphinium cardicaule
3/23/46
Napa range along Napa-Monticello road. In leaf mold in shade of trees, steep hill slope.

223 Ranunculus californicus
3/23/46
Along Napa-Monticello rd.
Open grassy meadows, rolling hills

1224 Ranunculus californicus var cuneatus
3/9/46. Top of bluff, clayey soil
Near Bodega Bay.

1225 Ceanothus cuneatus
Mar. 23, 1946
Shrub up to 8 ft tall, stiff, forming an important part of the chaparral Napa range, along Napa-Monticello road.

1226 Ceanothus jepsonii var purpurea
3/23/46
Napa range, near summit of Napa-Monticello road
Stiff shrub about 4' tall.

1227 Cercocarpus betuloides
4/13/46
Dutch can. shrub 6'-8'

1228 Fragaria chilensis
3/9/46 near Bodega Bay
Top of sea bluff, clayey soil.

1229 Physocarpus capitatus
3/9/46
near Bodega
Shrub straggly, along roadside
mixed with blackberries and other
plants.

1230 Potentilla sp.
5/10/46 Yates Valley, near Vacaville, along narrow Mt road in canon, north & east slope for the most part.

1231 Rubus vitifolius
Mar 9, 1946 near Bodega
along roadside, vines forming dense thickets.

1232 Galium aparine
Mar 23, 1946
Napa range, along Napa-Monticello road.
In leaf mold, shady hillside

1233 Galium (sp).
Mar. 9, 1946
Location uncertain - probably
Napa range.

1234 Lupulus fremontii
4/13/46
Putah can. stream bank.

1235 Salix sp. ♂
4/13/46
Putah can. along stream

1236 Salix (sp)
4/13/46
Putah can. along stream

1237 Salix (sp)
4/13/46
Putah can. along stream

1238 Lithophragma affinis
3/23/46
Napa range, along Napa-Monticello road.

1239 Ribes sanguineum var. glutinosum
3/9/46 Near Bodega
Roadside, shrub abt 6' tall mixed with
Nine-bark, blackberries, and other
plants.

1240 Saxifraga virginiensis
3/9/46. ~~Near~~ Napa range
about 1500' elev?, along Napa-
Monticello road.

1241 Castilleia (sp)
May 10/46 Gates Valley, near
Vacaville, along narrow Mt.
road in cañon.
flowers yellowish corolla

1242 Castilleia (sp)
3/23/46 along Napa-Monticello road.

1243 Castilleia (sp)
4/3/46 Butah can.

1244 Collinsia sparsiflora
3/23/46 Same as 1242.
Hillside pasture.

1245 Diplacus (sp)
May 10, '46 Yates Valley.

1246 Mimulus guttatus var. arvensis
3/9/46. Napa range, near summit
along Napa-Monticello road
along small stream, rich moist soil,
in recently burned over area.

1247 Mimulus guttatus var. arvensis
4/13/46. Putah can, sandy creek
bank, part shade.

1248 Orthocarpus erianthus
3/22/41 East of Folsom
(Listing overlooked at time of collection)

1249 Orthocarpus erianthus
Mar. 23, '46. In rolling pasture, specimens near road in hard dry ground. Napa range, along Napa-Monticello road.

1250 Pedicularis densiflora
Mar. 23, 1946 Under chaparral shrubs where ample leaf mold. Napa range, near summit of Napa-Monticello road.

1251 Pentstemon cordifolius
July 14, 1941
at Blanding Nursery Santa Ana, in can, apparently volunteer from leaf mold used in soil mixture - leaf mold prob. from hills above Ortega highway east of San Juan Capistrano

1252 Scrophularia californica
Mar. 9, 1946 Napa - Monticello road, Napa Co.

1253 Scrophularia californica
Mar 29, 1946
Putah canyon, near Napa Co. line
Rocky south hill slope.

1254 Lycium halmaifolium
8/4/46
Rail embankment
Davis.

1255 Solanum dantii
4/13/46
Putah can. dry roadside

1256 Lomatium utriculatum
april 24, 1942
Putah can.
stems from taproot
Coll. Lois Weston

1257 Lomatium vaseyi (?)
3/29/46
Utah can.

1258 Sanicula menziesii
4/13/46
Utah can.
(in 2 folders)

1259 Sanicula (sp) (red)
3/23/46
along Monticello-Napa road,
Napa Co.

1260 Scandix (sp)
3/23/46 along Monticello - Napa rd.

1261 Torilis nodosa
5/10/46 Napa range, Napa Valley near Vacaville
North hill slope, part shade.

1262 Viola sp.
3/23/46 near summit of Monticello-Napa road under oaks and brush, in leaf mold.

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Useful Information

MULTIPLICATION TABLE

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

Table of Time Measure

60 seconds=1 minute
60 minutes=1 hour
24 hours =1 day
7 days =1 week
30 days =1 calendar month
12 months=1 year
365 days =1 common year
366 days =1 leap year
100 years =1 century

Table of Dry Measure

2 pints (pt.) =1 quart (qt.)
8 quarts =1 peck (pk.)
4 pecks =1 bushel (bu.)
1 cord =128 cu. ft.

Table of Liquid Measure

4 gills (gl.) =1 pint (pt.)
2 pints =1 quart (qt.)
4 quarts =1 gallon (gal.)
31½ gallons =1 barrel (bbl.)
2 barrels =1 hogshead (hhd.)

Table of Paper Measure

24 sheets =1 quire
20 quires =1 ream
10 reams =1 bale

Table of Linear Measure

12 inches =1 foot
3 feet =1 yard
16½ feet (5½ yds.) =1 rod
660 feet =1 furlong
320 rods (5280 ft.)=1 mile

Table of Cubic Measure

1728 cubic inches=1 cubic foot
27 cubic feet =1 cubic yard
128 cubic feet =1 cord of wood
24¾ cubic feet =1 perch of stone

NOTE—A cord of wood is a pile 8 feet long, 4 feet wide and 4 feet high.

A perch of stone or brick is 16½ feet long, 1½ feet wide, and 1 foot high.

Table of Circular Measure

60 seconds (″) =1 minute (′)
60 minutes =1 degree (°)
360 degrees=1 circumference
A degree of the earth's surface on a meridian=69.16 miles.

Miscellaneous Measures

12 units =1 dozen
12 doz. =1 gross
12 gr. =1 great gross
20 units =1 score
1 hand =4 inches
1 fathom =6 feet
1 knot =6086 feet
3 knots =1 league
1 bushel potatoes=60 lbs.
1 barrel flour=196 lbs.
1 cu. ft. of water=7.48 liquid gals. and weighs .62½ lbs.
Diameter of circle x 3.1416= circumference.
Diameter of circle squared x .7854= area.
Atmospheric pressure is 14.7 lbs. per sq. in. at sea level.
13¼ cu. ft. of air weighs 1 lb.

Table of Avoirdupois Weight

16 drams =1 ounce (oz.)
16 ounces=1 pound (lb.)
100 pounds=1 hundredweight (cwt.)
2000 pounds=1 ton (T.)
2240 pounds=1 long ton (L. T.)

Table of Troy Weight

24 grains (gr.) =1 pennyweight (dwt.)
20 pennyweights=1 ounce (oz.)
12 ounces =1 pound (lb.)

Table of Apothecaries' Weight

20 grains (gr.) =1 scruple (℈)
3 scruples =1 dram (ʒ)
8 drams =1 ounce (℥)
12 ounces =1 pound (lb.)

Table of Surface Measure

144 sq. in. =1 sq. ft.
9 sq. ft. =1 sq. yd.
30¼ sq. yds. =1 sq. rod
160 sq. rods =1 acre
640 acres =1 sq. mile
An acre measures 208.71 ft. on each side.
A section of land is 1 sq. mile.
A quarter section is 160 acres.
A township is 36 sq. miles.